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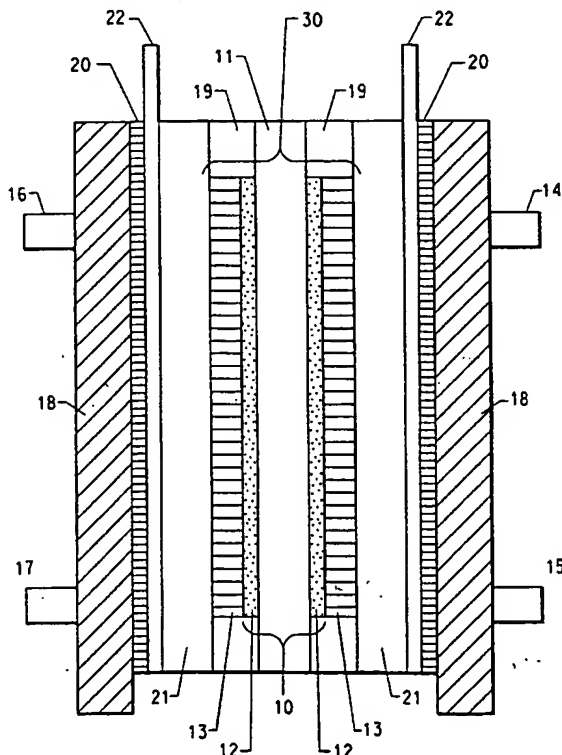
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(54) Title: METHOD FOR REGENERATION OF PERFORMANCE IN A FUEL CELL



(57) Abstract: A process for improved performance in at least one fuel cell, having a loss in power output of at least 5 % of an initial power output, wherein the fuel cell comprises a cathode, an anode, an anode chamber, a cathode chamber, a fuel comprising an anolyte that flows through the cell, and a catholyte gas, wherein the fuel cell is connected to an external load, and wherein the process includes the steps of taking the load off the fuel cell; and applying an external electric field from an external power source to the fuel cell to reverse electrochemical reactions until at least 5 % of the lost power output is regained. Purging the fuel cell further enhances regeneration of the cell.



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